# PATENT COOPERATION TREATY

TO WRITTEN OPINION  REVINI. ZRIKA SILCON VALEEY IP GROUP, ELC P.O. 180X 2012 SAN ESSE, CA 98172-1120  Date of Mailing (day) involvement  Anolician's or scient's file reference.  ANOLICIAN'S GROUP, Scient's file of the file of the day involved property.  Date of Mailing.  Priority of the day file of the scientification (PC) or both national classification on the PC.  BPCTUS/SCIENT EACH OLD OF Scient in the file of the scientification and EPC.  BPCTUS/SCIENT EACH OLD OF Scient in the file of the scientification on the PC.  BPCTUS/SCIENT EACH OLD OF Scientification of PC.  BPCTUS/SCIENT EACH OLD OF Scient in the file of the scientification on the PC.  BPCTUS/SCIENT EACH OLD OF Scientification of PC.  BPCTUS/SCIENT EACH OLD OF Scientification Scientification Scientification Scientification Scientification Scientification Scientification Scientificatio	From the INTERNATIONAL PRELIMINARY EXAMINING AUTHO	ority:		
Applicant's or seem's file reference  MATIPOLS P  The residence of Mailing (Application No. Esternational filing date (Application of India) (Brilling Application No. Esternational filing date (Application of India) (Brilling Application No. Esternational filing date (Application of India) (Brilling Application No. Esternational filing date (Application of India) (Brilling Application No. Esternational Fatric Classification (IPC) or both national classification and IPC  IPC(7): GOOF 45/16 and US CL: 709/206, 207  Application  I. This writice opinion is the first. (First, etc.) drawn by this International Preliminary Examining Authority.  2. This opinion contains indications relating to the following demis:  I W Basis of the opinion  II Priority  III Non-establishment of opinion with regard to novelly, inventive step and industrial applicability  IV Lack of unity of invention  VI Estain defects in the international application  VII Certain defects in the international application  VIII Certain defects in the international application  If we applicant is horsely invited to reply to this opinion.  For an additional opportunity to submit amendments, see Rule 66.8 and 86.9.  For the form and the language of the atmendments, see Rule 66.8 and 86.9.  For an additional opportunity to submit amendments, see Rule 66.8 doi:  If we reply is filed, the international preliminary represents and/or a gramments, see Rule 66.4 bits. Pour site desaminer is obligation to consider atmendments, and follows.  Annument of mail in Preliminary of the IPPA-25S.  Annument of mail in Preliminary of the IPPA-25S.  Annument of mail in Preliminary in Preliminary in	To: KEVIN J. ZILKA SILICON VALLEY IP GROUP, LLC P.O. BOX 721120			
Applicant's or access in the reference.  NATIFOR IN Private application No.  International application No.  International application No.  International diling date day/month/year)  Private Application No.  International application (Birst)  International application (Birst)  International patient Classification (BC) or both national classification and IRC  IPC/9: 6008 15/16 and U.S.Ci.: 799/206, 207  Applicant  NETWORKS ASSOCIATES TECHNOLOGY, INC.  I. This swritten opinion is the first (first, etc.) drawn by this International Preliminary Examining Authority.  I. This opinion contains indications relating to the following items:  I. Basis of the opinion  II. Privaty  II. Non-establishment of opinion with regard to novelty, inventive step and indistrial applicability  I. Lack of unity of invention  V. Researched abstrainment woder Rule 46.2 (a)(1) with regard to novelty, inventive step and indistrial applicability  I. Lack of unity of invention  VII. Certain defects in the international application  VII. Certain defects in the international application  VII. Certain defects in the international application  3. The applicant is hereby invited to reply to this opinion.  When? See the fine limit indicated above. The application  3. The applicant is hereby invited to reply to this opinion.  When? See the fine limit indicated above. The application  II. Level By selection of the protection of the international application.  VIII. Certain observations on the international application.  See the fine limit indicated above. The application of that sine-thinin requires the empire of the armondments, see Rule 66.8 and 69.9.  For the form and the language of the armondments, see Rule 66.8 and 69.9.  For the examiner's obligation to consider an architecture and the basis opinion.  If no reply is field, the international preliminary Assimination report will be established on the lasts of this opinion.  Authorities of the replace of the primiting and preliminary and the control of the pass of this opinion.	SAN 1038E, CA 98172-1120	WRITTEN OPINION		
Apelican's or agent's file reference  Apelican's or agent's file reference  Apelican's or agent's file reference  ARSPLY IN E  Within 2 months/days from the above date of mailing  International application No.  International filting date (day/month/year)  PCT/USG2/28811  International Fatera Classification (IPC) or both national classification and IPC  IPC/I/ GOSF 15/16 and US Cl.: 709/286, 207.  Applicant  NETWORKS ASSOCIATES TECHNOLOGY, INC.  1. This written opinion is the first (first, etc.) drawn by this International Preliminary Evaluatining Authority.  2. This opinion consulain redications relating to the following tierms:  1. Basis of the opinion  II. Priority  II. Non-establishment of opinion with regard to noverly, inventive step and industrial applicability  IV. Lack of unity of invention  V. Research distorment under Rule 66.3 (a)(1) with regard to receive, inventive step and industrial applicability cistations and explanations supporting outh statement  VI. Certain observations in the international application  VII. Certain observations in the international application  See the functional indicated above. The application  When?  See the functional indicated above. The application of the amendments, where appropriate, by amendments, according to Rule 66.2.  By international epiperusity to submit amendments and for agramments, see Rule 66.4 bits.  Per an additional opportunity to submit amendments and or arguments, see Rule 66.4 bits.  Per an additional preliminary examination report will be established on the lastis of this opinion.  Also:  If you reply is filled, the international preliminary examination report will be established on the lastis of this opinion.  Authorized officer		(PCT Rule 66)		
International application No.   International filting date (day/month/year)   Priority date (day/month/year)   PCT/USG2/2811   25 July 2602 (25 07 2002)   26 July 2601 (26 07 2001)   International Patent Classifications (PC) or both national classification and IPC   IPC/J): Close 15/16 and US C3: 709/206, 207   Applicans   NETWORKS ASSOCIATES TECHNOLOGY, INC.    1. This written opinion is the first (first, etc.) drawn by this international Preliminary Examining Authority.   2. This opinion constains tederations relating to the following items:  I				
International application No.  Fortrustional filling date (day/month/year)  Priority date (day/month/year)  Priority date (day/month/year)  Priority date (day/month/year)  25 July 2601 (25.07.2001)  International Patient Classification (IPC) or both national classification and IPC.  IPC/79 GOSF 15/16 and US CL: 709/266, 207  Applicant  NETWORKS ASSOCIATES TECHNOLOGY, INC.  1. This written opinion is the first (first, etc.) drawn by this laternational Preliminary Examining Authority.  2. This opinion consales indications relating to the following items:  1	Applicant's or agent's file reference			
PCT/US02/23811 25 July 2002 (25.07.2002) 26 July 2001 (26.07.2001)  International Patria Classification (IPC) or both national classification and IPC  IPC(7): GR06F 15/16 and US C3: 709/206, 207  Applicant  NETWORKS ASSOCIATES TECHNOLOGY, INC.  1. This wristen opinion is the first (first, etc.) drawn by this International Proliminary Examining Authority,  2. This opinion constains indications relating to the following items:  1		the above date of mailing		
International Patent Classification (IPC) or both national classification and IPC  IPC(7): GOOF 15/16 and U.S.Ci.: 709/206, 207  Applican  NETWORKS ASSOCIATES TECHNOLOGY, INC.  1. This writies opinion is the first. (first, etc.) drawn by this International Preliminary Examining Authority.  2. This opinion contains indications relating to the following items:  1	International application No.   International filing	g date (day/month/year)   Priority date (day/month/year)		
IPCCT  GOOF 15/16 and US C1: 709/205, 207   Applicant   NETWORKS ASSOCIATES TECHNOLOGY, INC.   1. This written opinion is the first (first, etc.) drawn by this international Proliminary Examining Authority.   2. This opinion contains indications relating to the following items:   1	And the second s			
Applicant  NETWORKS ASSOCIATES TECHNOLOGY, INC.  1. This written opinion is the first (first, esc.) drawn by this international Proliminary Examining Authority.  2. This opinion contains indications relating to the following items:  1	International Patent Classification (IPC) or both national cla-	esofication and IPC		
1. This written opinion is the first (first, est.) drawn by this International Preliminary Examining Authority.  2. This opinion contains indications relating to the following items:	IPC(7): G06F 15/16 and US Ct.: 709/206, 207			
1. This written opinion is the first (first, esc.) drawn by this international Proliminary Examining Authority.  2. This opinion contains indications relating to the following news:  1	Applean			
2. This opinion contains indications relating to the following items:	NETWORKS ASSOCIATES TECHNOLOGY, INC.			
2. This opinion contains indications relating to the following items:	1. This written ominion is the first (first, etc.) dra-	wn by this International Preliminary Francising Authority.		
Basis of the opinion				
II Priority III Non-establishment of opinion with regard to novelly, inventive step and industrial applicability IV Lack of unity of invention  V Standard discuments under Rule 66.2 (a)(ii) with regard to novelty, inventive step or industrial applicability: citations and explanations supporting such statement  VI Certain defects in the international application  VIII Certain defects in the international application  VIII Certain observations on the international application  VIII Certain observations in the international application  VIII Certain observation of the application  VIII Certain defects in the international application  VIII Certain defects in the international application  VIII Certain defects in the international protection of the application  VIII Certain defects in the international preliminary  Examination report must be established according to Rule 69.2 in: 26 November 2003 (26.11.2003) .  Name and mailing address of the PEA/IS  Authorized officer		encountly menor		
III Non-establishment of opinion with regard to novelly, inventive step and industrial applicability  IV Lack of unity of inversion  V Standard assessment under Bala 66.2 (a)(ii) with regard to novelly, inventive step as industrial applicability: citations and explanations supporting such statement  VI Certain documents cited  VII Certain defects in the international application  VIII Certain observations on the international application  VIII Certain observations on the international application  3. The applicant is bereby invited to reply to this opinion.  When? See the time limit indicated above. The applicant may, before the expiration of that time limit, request this Authority to grant an extension. See rule 66.6(d):  If we'll applicant the language of the amendments, see Rules 66.3 and 66.9.  Also For an additional apportantly to submit amendments, see Rules 66.4.  For the examiner's obligation to consider amendments, see Rule 66.4 bit.  Defend indicated assessment with the consider amendments, see Rule 66.4 bit.  The final date by which the international preliminary examination report will be established on the basis of this opinion.  4. The final date by which the international preliminary examination report will be established on the basis of this opinion.  Authorized officer	1 🔀 Basis of the opinion			
IV Lack of unity of invention  V Assessment and or Rule 66.2 (a)(ii) with regard to receitly, inventive step or inductrial applicability; citations and explanations supporting such statement  VI Certain defects in the international application  VIII Certain defects in the international application  VIII Certain observations on the international application  3. The applicant is hereby invited to reply to this opinion.  When? See the final limit indicated above. The applicant may, before the expiration of that time limit, request this Authority in grass an extension. See rule 66.3(d).  16.00? By submitting a revision reply, assemptantes, see Rules 66.3 and 86.9.  For the form and the language of the amendments, see Rules 66.3 and 86.9.  For an additional opportunity to submit amendments, see Rules 66.4.  For the examiner's objection to consider amendments, see Rule 66.4 bit.  Do an informational opportunity to submit amendments and/or arguments, see Rule 66.4 bit.  Do an informational opportunity to submit amendments and/or arguments, see Rule 66.4 bit.  The final date by which the international preliminary examination report will be established on the hasis of this opinion.  4. The final date by which the international preliminary examination report will be established on the hasis of this opinion.	II Princip			
V Standard interest and replacetions supporting such statement  VI Certain documents cited  VII Certain defects in the international application  VIII Certain observations on the international application  VIII Certain observations on the international application  3. The applicant is hereby invited to reply to this opinion.  When? See the time limit indicated above. The applicant may, before the expiration of that time limit, request this Authority to grant an extension. See rule 66.3(d).  If w? By submitting a voittee reply, ascentiant, where appropriate, by amendonatic, according to Rule 66.3. For the form and the language of the amendments, see Rule 66.4 and 66.9.  Also For an additional opportunity to submit amendonates, see Rule 66.4 bit.  For an informational preliminary examination report will be established on the basis of this opinion.  4. The final date by which the international preliminary examination report will be established on the hasis of this opinion.  Name and mailing address of the DFA/IS.  Authorited officer	III Non-existintem of opinion with re	egard to novelty, inventive step and industrial applicability		
citations and explanations supporting such statement  VI Certain documents cited  VII Certain defects in the international application  VIII Certain observations on the international application  3. The applicant is hereby invited to reply to this opinion.  When? See the fine limit indicated above. The applicant may, before the expiration of that time limit, request this Authority to gram an extension. See rule 66.3(d).  If we? By submitting a relitant raphy as companied, when appropriate, by amendments, according to Bate 66.2. For the form and the language of the amendments, see Rule 66.4.  For the form and the language of the amendments, see Rule 66.4.  For the examiner's obligation to consider attendments and/or arguments, see Rule 66.4 bit.  For an informal communication with the passion, see Rule 66.0 in the basis of this opinion.  4. The final date by which the international preliminary examination report will be established on the basis of this opinion.  Name and mailing address of the DFA/IS  Authorized officer	IV Lack of unity of invention			
VI Certain defects in the international application  VII Certain observations on the international application  3. The applicant is hereby invited to reply to this opinion.  When? See the time limit indicated above. The applicant may, before the expiration of that time limit, request this Authority to grow an extension. See rule 66.363.  Itan? By submitting a relatest cepty, assertionally, where appropriate, by amendments, asserting to Buto 66.2. Por the form and the language of the amendments, use Rules 66.8 and 66.9.  Also For an additional opportunity to submit assendments, see Rule 66.4. For the examiner's obligation to consider amendments analor arguments, see Rule 66.4 bit. Dot an informal communication with the passion, we Rule 96.6.  If no reply is flied, the international preliminary examination report will be established on the basis of this opinion.  4. The final date by which the international preliminary examination report will be established on the basis of this opinion.  Authorized officer.	200000			
VIII Centain observations on the international application  3. The applicant is benery invited to reply to this opinion.  When? See the time limit indicated above. The applicant may, before the expiration of that time limit, request this Authority to gram an extension. See rule 66.3(d).  How? By submitting a vision rapty, accompanied, where appropriate, by amendments, according to Bate 66.1.  For the form and the language of the amendments, see Rule 66.8 and 66.9.  Also For an additional opportunity to submit amendments and/or arguments, see Rule 66.4 bit.  For the examiner's obligation to consider amendments and/or arguments, see Rule 66.4 bit.  Con an initial and communication with the consister will be examinated on the basis of this opinion.  If no reply is filled, the international preliminary examination report will be examination on the basis of this opinion.  4. The final date by which the international according to Rule 69.2 is: 26 November 2003 (26.11.2003) .  Name and mailing address of the IPFA/IS.  Authorized officer	family and the second of the s			
3. The applicant is bereby invited to reply to this opinion.  When? See the time limit indicated above. The applicant may, before the expiration of that time limit, request this Authority to grant an extension. See rule 66.4dd).  Her? By submitting a vision reply, accompanied, a hore appropriate, by amendments, according to Buta 66.1. For the form and the language of the amendments, see Rules 66.8 and 66.9.  Also For an additional opportunity to submit amendments analysis at gaments, see Rule 66.4 bit.  For the examiner's obligation to consider amendments analysis at gaments, see Rule 66.4 bit.  The an informational preliminary examination report will be established on the basis of this opinion.  4. The final date by which the international preliminary examination report will be established on the basis of this opinion.  Name and mailing address of the IPFA/IS.  Authorized officer.	VII Certain defects in the international a	ppication		
When? See the limit indicated above. The applicant may, before the expiration of that time limit, request this Authority to grass an extension. See rate 66.3(d).  11.00? By submitting a viction reply, accompanied, where appropriate, by amendments, according to Rule 66.1.  For the form and the language of the amendments, see Rules 66.3 and 66.9.  Also For an additional apportunity to submit amendments, see Rule 66.4.  For the examiner's obligation to consider amendments and/or arguments, see Rule 66.4 bit.  Cos an informational proliminary examination report will be established on the basis of this appoint.  4. The final date by which the international preliminary examination report will be established on the basis of this appoint.  8. Authorized officer  Authorized officer	VIII Certain observations on the internati	ineal application		
this Authorny to gram an extension. See rule 66.2(d).  11.007  By submitting a vision raply, accompanied, where appropriate, by annotherate, according to Bute 66.3.  For the form and the language of the amendments, see Rule 66.8 and 66.9.  Also  For an additional apportunity to submit amendments, see Rule 66.4.  For the examiner's obligation to consider amendments and/or arguments, see Rule 66.4 bit.  The anticipated communication with the pressure, see Rule 60.4 bit.  The anticipated communication with the pressure report will be established on the basis of this opinion.  4. The final date by which the international preliminary examination report will be established on the basis of this opinion.  8. The final date by which the international preliminary examination report must be established according to Rule 69.2 is: 36 November 2003 (26,11,203).  Name and mailing address of the IPFA/I/S.  Authorized officer	3. The applicant is hereby invited to reply to this	opioixa.		
For the form and the language of the amendments, see Rules 66.8 and 66.9.  Also For an additional appearantly to schmit amendments, see Rule 66.4.  For the examiner's obligation to consider amendments and/or arguments, see Rule 66.4 htm.  The aminoconstrumnum with the constant, see Rule 66.4 htm.  If no reply is filed, the international preliminary examination report will be established on the basis of this opinion.  4. The final date by which the international preliminary examination report must be established according to Rule 69.2 is: 26 November 2003 (26.11, 2003)  Name and mailing address of the IPFA/I/S  Authorized Officer				
For the examiner's obligation to consider amendments and/or arguments, see Rule 66.4 hts.  Cos an informational communication with the coardination from Rule 96.5  If no reply is filed, the international preliminary examination report will be established on the basis of this opinion.  4. The final date by which the international preliminary examination report must be established according to Rule 69.2 is: 26 November 2003 (26,11,2003)  Name and mailing address of the IPFA/IS  Authorized Officer				
4. The final date by which the international preliminary examination report must be enablished according to Bule 69.2 is: 26 November 2003 (26.11.200)  Name and mailing address of the IPFA/I/S  Authorized officer	For the examiner's obligation to	o consider amendments anti/or arguments, see Rule 66.4 bir.		
examination report must be established according to Rule 69.2 is: 26 November 2003 (26,11,2003)  Name and mailing address of the IPFA/IS  Authorized officer	If no reply is filed, the international preliminar	ry examination report will be established on the basis of this opinion.		
Name and mailing address of the IPEA/US  Commission of Parasis and Trainmaks  Box RT  Ayaz R Sheek Junaza R Madda				
Commission of Person and Trainments  Ayan R Shorth Janasa R. Matthia	Name and mailing address of the IPEA/US	Authorized officer		
The second secon	Commissioner of Pauros and Trademarks	Average and a Most Attin		
Fausinally No. (703)505-3230	Washington 19.00, W0333	Telephore No. 723-305-3000		

incrnational application (vo.	
- 82 SSNG 8 SSQ8G 97 S S88 - 86Q 223 S 96-98 Q 8 S S G - 3 S G C	

PCT/8/902/23811

*	Bancio	of the opinion
§.,	With	regard to the elements of the international application *
		the international application as originally filed
	$\boxtimes$	the description:
		pages 1-15 as originally filed
		pages SONE . filed with the demand
		pages Number time with the sense of
	1523	the claims:
	Similar .	the control of the co
		pages NONE , as originally filed pages NONE , as amended (logether with any statement) under Article 19
		pages 16-20 filed with the demand
		pages NONE flicd with the letter of
	100	
		the drivings:
		pages 1-8 as originally filed
		pages NONE , filed with the demand pages NONE . Gled with the letter of
	gamag	takes William . over work on war or
		the sequence listing part of the description:
		pages MONE, as originally filed
		rages MINF filed with the decreased
		pages NONE , filed with the letter of
2	18808	h regard to the language, all the elements marked above were available or furnished to this Authority in the nage in which the international application was filed, unless otherwise indicated under this item.  The elements were available or furnished to this Authority in the following languagewhich is:
		the language of a translation furnished for the purposes of international search (under Rule23.1(b)).
		the language of publication of the international application (under Rule 48.3(b)).
		the language of the translation furnished for the purposes of international prefiminary examination(under Rules 55.2 and/or 55.3).
3		h regard to any numbertide and for amino wild require disclosed in the international application, the written from was drawn on the basis of the sequence listing:
******		contained in the international application in printed form:
	7	Blad together with the international application in computer roudable term
		furnished subsequently to this Authority in written form.
		furnished subsequently to this Authority in computer readable form.
***************************************		The statement that the subsequently furnished written sequence listing does not go beyond the disclosure in the
44444		international application as filed has been furnished.
		The statement that the information recorded at computer readable form is identical to the written sequence listing has been furnished.
		The amendments have resulted in the cascellation of
,,,,,,,	SHARE	prints
******		the description, pages <u>NONE</u>
		the claims, Nos. 1-21
		the drawings, wherewing NONE
		This opinion has been drawn as if (name of) the amendments had not been made, nince they have been considered to go beyond the disclosure as tried, as makeling in the Supplemental Box (Rule (8.12(c)).
* 82		scement sheets which have been furnished to the receiving Office in response to an invitation under Article 14 are referred to in nion as "originally filed."

merastional application No. PCT/USO2/23811

STATEMENT							
Novelty (N)	Claims	4.5.7.40412	YE				
	Claims	1-3, 6, and 8-11					
Inventive Step (IS)	Clains	NONE	YX				
		1-12					
Industrial Applicability (IA)	Claims	1912	<b>*</b>				
		NONE	K 35°				
CITATIONS AND EXPLANATIONS see See Consinuation Short							

insertational application (%). PCT/US02/23811

## Supplemental Box

(To be used when the space in any of the proceeding house is not sufficient)

THESE STREETS

The time limit set for response to a Written Opinion may not be extended, 37 CFR 1,484(d). Any response received after the expiration of the time time set in the Written Opinion will not be considered in preparing the International Preferinary Examination Report.

V. 2. Citations and Explanations:

Claims 1-3, 6, and 8-11 lack novelry under PCT Article 33(2) as being anticipated by McCormick et al. (US 5023723 A). As per claims 1 and 11, McCormick teaches a method (see abstract) and computer program product (see col.3, times 27-35) for deserving an unwanted electronic mail message, countrising, receiving user input via a graphical user inscribed (see Fig. 2, col. 3). lines 38-39; and col 4, lines 7-13), the user input including indicators of anywarted electronic mail messages, wherein the indicator for a particular unwanted incasage inclusive at teast one of a Circle 8 menors, and dominio of a sender (see col. 2, ones 44-49), and col. 3, lines 45-51), the graphical user interface further including a window for displaying to a user text of the particular unwassed message and permitting the user to highlight that of the particular unwanted message in the window (see Fig. 2; and col. 5, line 56 to col. 6, line 10), a menu for selecting measurements to apply to the highlighted trat, and a button for adding the selected measurements to the . A top welcade a secondari mari rom wit griver, the coll. Chorles of the coll. Aire ta Chal. Che. Che. lines \$1-\$6); receiving an electronic mail message prior to delivery of the electronic mail message to an intended recipiem of the electronic mail message (see col. 2, lines 47-50), analyzing the electronic mail message using the user input indicators stored in the database (see col. 3, lines 48-51, and col. 4, lines 20-25); classifying the electronic mail message as unwanted, possibly unwanted, and as more to the early six asing the ever instance and in the course contains and the control of the control of the end to the control of the c archive of known unwanted messages (see col.4, Eres 20-56); sending the electronic mail message to the intended recipient if the elegationic mail message is not determined to be unwanted (see col.4, lines 26-28); and selecting a disposition of the electronic mail message if the electronic mail message is determined to be prevanted, the disposition including at least one of: not delivering the decrease made accepte to the interior and president, conding the electronic mail message to an administrator, and acading the electronic mail message to a quarantine (see cut 4, lines 20-25).

As per claim 2, McCormick further teaches wherein the measurements to apply to the highlighted text are selected from the mens utilizing a right-click action of a mouse (see col.5, line 65 to col.6, line 1).

As per claim 3. Mel'armick further teaches wherein the measurements include a phaesity of instances of the highlighted text (see gol. 4, lines 3-6; and coi. 5, line 63 to coi. 6, line 10).

As per claim 6, McCormick further teaches wherein the graphical user interface is further adapted to allow review of the measurements (see abstract).

As per claim 8, McCornick further teaches wherein the graphical user interface is displayed in response to the selection of a uniform resource locator (see cal. 6, lines 11-14).

As per claim 9, McCornick further teaches wherein the uniform resource locator is included in an electronic mail message sent to the user (see Fig.2; and col.5, lines 61-62).

As per claim 10, McCormick further teaches wherein the electronic mail is sent to the user in response to the submission by the user of an electronic mail message determined to be unwanted user od 4, lines 38-42)

### Supplemental Box

(To be used when the space in any of the preceding boxes is not sufficient)

2. Claims 4 and 5 lack an inventive step under PCT Article 33(3) as being obvious over McCormick et al. (US 6023723 A) is view of billion (US 500891). A).

As per claim 4, McCormick does not teach wherein the measurements include a count of a number of instances of the highlighted text. Miller teaches wherein the measurements include a count of a number of instances of the highlighted text (see cot.10, lines 53-58). It would have been obvious to a person of ordinary skill in the art at the time the invention was made to employ the teachings of Miller within the express of McCormick by counting the number of instances of a postiodar text within the annual email desection method because McCormick already teaches that text can be used to either accept or discard e-mails, thus by implementing an instance courser, one of ordinary skill in the art would be able to filter e-mails not only by the text inputted, but also by the amount of frequency of the text used within the e-mail.

As per claims 5. Mot remark does not reach wherein the measurements include a ratio of the highlighted to a with respect to a total number of words. Militer teaches wherein the measurements include a ratio of the highlighted teat with respect to a total number of words (see col. 11, lines 4-7). It would have been obvious to a person of ordinary skill in the art at the time the invention was made to employ the teachings of Miller within the system of McCormick by measuring the ratio of the text with respect to a total number of words within the unwanted email detection method because McCormick already teaches that text can be used to either accept or discard e-mails, thus by implementing a ratio of frequency with respect to total number of words, one of ordinary skill in the art would be able to filter e-mails not only by the text inputted, but also by the amount of frequency of the text used within the e-mail.

- Claim 7 lack as inventive step under PCT Article 33(3) as being obvious over McCormick et al. (US 6023723 A) is view of Birrell et al. (US 6092101 A).
- McCormick does not explicitly teach wherein the graphical user interface includes an appliet. Birrell teaches wherein the graphical user interface includes an appliet (see col.2, lines 56-61). It would have been obvious to a person of ordinary skill in the art at the time the invention was made to employ the teachings of Birrell within the system of McCormick by implementing a GUI including appliess within the unwanted email detection method because Stot. Immick teaches that the system is implementing using a web server via the Internet, thus one of ordinary skill in the art would employ the GUI to be a browser which incorporate appliets as taught by Birrell.
- Cirim il irck so appening sup airin PCT liveric 1913) an deing obvious over bulliarmek et al. (US 6025/23 A) in view of Miller (US 58059)) A), Birrell et al. (US 609110) A), and Parry et al. (US 6647177 A). McCormick maches a method (see absuraci) for detecting an unwanted electronic mail message, comprising: receiving user inpar via a graphical user inserface (see Fig. 2, cod 3, lines 38-39; and col 4. lines 7-13), the user input including indicators of unwanted efectionic mail messages, wherein the indicator for a particular comarcar incomes includes at home con est a URC, a sender, and describe of a mader (one col. 2, time 44-49, and col. 2, lines 45-51), the graphical user interface further including a window for displaying to a user text of the particular unwanted message and permitting the user to highlight text of the particular unwarred message in the window (see Fig. 2; and cci 5, line 56 to cci 5, line 10), a menu for selecting measurements to apply to the highlighted text, and a bation for adding the selected premuraments to the indicance (new Fig. 2; sel. I, line 63 to cel. 1, line 65 and cel. 5. lines 15 EO, the graphical was invertice floring adopted to able the user to review the measurements (see abstract), the measurements to apply to the highlighted text being selected from the mone utilizing a right-click action of a mouse (see col. 5, line 65 to col. 5, line 1), the measurements including the existence of a plurality of instances of the highlighted text, a court of the number of instances of the highlighted text (see claim 4 rejection above), a ratio of the bayabajih negaja na gaibabwai wakebawai waa faddayog ade (mida 🖰 miake wa) akawa ke wulanar kere a ne rougem dela ran budajishijid (see claim 7 rejection above) in response to the selection of a uniform resource locater included in an electronic mail message (see col.6, lines 11-14) sent to the user in response to the submission by the user of an electronic rasil message determined to be unwanted; storing the user input indicators in a database (see col.4, lines 57-62 and col.5, lines 15-23); receiving an electronic mail message prior in delivery of the electronic mail message to an intended recipiess of the electronic mail message (see col. 2. lines 47.50): analyzing the electronic mail message using the user input indicators stored in the database (see cot 3, lines 48-51; and cot 4, lines 20-25); analyzing the electronic mail message using data collected from a public archive of known unwarded messages (see col.2. lines 60-64; col. 3. Times 54-56); classifying the electronic mail message as unwanted, cosubby unwanted, and wanted based on the analysis using the user input indicators stored in the database, the analysis using data collected from an archive of known unwanted messages (see got 4, lines 20-56); sending the electronic mail message to the introded recipient if the electronic mail message is not determined to be unwanted; selecting a disposition of the electronic mail message if the electronic mail message is determined to be unwanted, the disposition selected from the group including not delivering the electronic stail message to the intended recipient, sending the electronic mail message to an administrator, and sending the electronic mail message to a quarantine (see col.4, lines X)-25); and allowing configuration of analysis parameters while simultaneously performing the analyses (see col.4, line 57 to col.5, line 8; and col.7, fines 40-51).

McCormick does not each that the user input being encrypted at least in part. Birrell teaches that the user input being encrypted at least in part (see col. 4, lines 5-9). It would have been obvious to a person of ordinary skill in the art at the time the inversion was made to employ the teachings or butten women are system or otto, oranick by employing an encryption mechanism within the unwanted email detection method because McCormick teaches that the system is implementing using a web server via the laternes, thus to course security via the hierard, one of ordinary skill in the art would employ an encryption mechanism such as a firewall.

MacControls three not make analyzing the characters and terrorage using a septial arrivant, augmently, guitaring statistics. Associated with the test using a statistical analyzer by analyzing a Character type inclinding Univade, teaching the notical network.

International application No. PCT/USI2/23811

### Supplemental Box

(To be used when the space in any of the preceding boxes is not sufficient)

engine coupled to the statistical analyzer to recognize unwanted missages based on statistical indicators, wherein the teaching of the result between engine includes identifying a message are stored and used by the neural network engine to identify subsequent unwanted missages, and analyzing the statistical indicators utilizing the neural network engine. Party teaches of a neural network engine that analyzes text messages (see col.2, lines 24-35) by: gathering statistics associated with the text using a statistical analyzer (see col.3, lines 39-45) by analyzing a character type including Unicode (see col.4, lines 17-21), teaching the neural network engine coupled to the statistical analyzer to recognize unwanted messages based on statistical indicators, wherein the teaching of the neural network engine includes identifying a message as an unwanted message, the features of the message that make the accessage unwanted are identified, and the identified features are stored and used by the neural network engine to identify subsequent unwanted messages, and analyzing the statistical indicators utilizing the neural network engine (see Fig.5; col.3, lines 15-51; and col.7, line 43 to col.8, line 25). It would have been obvious to a person of ordinary skill in the art at the time the invention was made to employ the teachings of Parry within the system of McCormick by implementing a neural network within the unwanted email detection method because Parry teaches that the raw text data can be an Internet resource such as an e-mail (see col.4, lines 12-14) and McCormick teaches of unwanted junk c-mails.

US 0,023,723 A (MCCORWICK et al) 66 February 2000, her cold to cold-

US 5,047,277 A (PARRY et al) 04 April 2000, see fig. 5, col.2, line 24 to col.4, line 21, and col.7, line 43 to col.8, line 25.

U3 5,092,101 A (BREELL et al) 19 July 2000, my col 2, lines 35-63 and col 4, lines 5-7